

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: May 23, 2001, 15:53:47 ; Search time 109.73 Seconds

(w/out alignments)
52.522 Million cell updates/sec

Title: US-09-518-931-2

Perfect score: 1634
Sequence: 1 MRALEGPGGLSLLCLVLALPA.....RVARMPGLERSVRERFLPVH 300

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 185757 seqs, 19210857 residues

Total number of hits satisfying chosen parameters: 185757

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/iaa/5A_COMB_pep:*

2: /cgn2_6/ptodata/2/iaa/5B_COMB_pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB_pep:*

4: /cgn2_6/ptodata/2/iaa/6B_COMB_pep:*

5: /cgn2_6/ptodata/2/iaa/PCMS_COMB_pep:*

6: /cgn2_6/ptodata/2/iaa/bacfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	1634	100.0	300	2	US-08-794-796-2	Sequence 2, Appl1
2	444	27.2	401	3	US-08-944-022-6	Sequence 6, Appl1
3	444	27.2	401	4	US-09-042-785A-12	Sequence 12, Appl1
4	425.5	26.0	401	3	US-08-974-022-2	Sequence 2, Appl1
5	424.5	26.0	401	4	US-08-974-022-4	Sequence 4, Appl1
6	424.5	26.0	401	4	US-09-042-785A-13	Sequence 13, Appl1
7	353.5	21.6	461	4	US-08-042-785A-7	Sequence 7, Appl1
8	351.5	21.5	461	4	US-08-385-228-2	Sequence 2, Appl1
9	351.5	21.5	461	2	US-08-650-000-2	Sequence 2, Appl1
10	351.5	21.5	461	6	5395760-2	Patent No. 5395760
11	346	21.2	227	3	US-08-974-022-48	Sequence 48, Appl1
12	344	21.1	486	1	US-08-343-010-1	Sequence 1, Appl1
13	344	21.1	518	1	US-08-385-229-4	Sequence 4, Appl1
14	332.5	20.3	474	2	US-08-650-000-4	Sequence 4, Appl1
15	332.5	20.3	474	4	US-09-042-785A-8	Sequence 8, Appl1
16	332.5	20.3	474	6	5395760-4	Patent No. 5395760
17	318	19.5	163	2	US-08-219-237B-5	Sequence 5, Appl1
18	316	19.3	164	2	US-08-332-087A-9	Sequence 9, Appl1
19	287	17.6	253	4	US-09-042-785A-4	Sequence 4, Appl1
20	287	17.6	605	4	US-09-042-785A-23	Sequence 23, Appl1
21	287	17.6	655	3	US-08-059-382-2	Sequence 1, Appl1
22	285.5	17.5	197	2	US-08-505-606-1	Sequence 6, Appl1
23	264.5	16.2	355	1	US-08-242-545-6	Sequence 2, Appl1
24	246	15.1	283	5	PCT-US26-2374-2	Sequence 4, Appl1
25	239	14.6	451	3	US-08-996-139-4	Sequence 6, Appl1
26	239	14.6	616	3	US-08-996-139-6	Sequence 47, Appl1
27	236.5	14.5				Query Match

RESULT 1	US-08-794-796-2	SEQUENCE 2, Appl1
	; Sequence 2, Application US/08794796	Sequence 9, Appl1
	; Patent No. 5395760	Sequence 2, Appl1
	GENERAL INFORMATION:	Sequence 2, Appl1
	APPLICANT: Emery, John	Sequence 4, Appl1
	APPLICANT: Tan, KB	Sequence 4, Appl1
	APPLICANT: Truneh, Alek	Sequence 5, Appl1
	APPLICANT: Young, Peter	Sequence 8, Appl1
	APPLICANT: Tumor Necrosis Related Receptor,	Sequence 10, Appl1
	TITLE OF INVENTION: TR4	Sequence 49, Appl1
	NUMBER OF SEQUENCES: 2	Sequence 11, Appl1
	CORRESPONDENCE ADDRESS:	Sequence 7, Appl1
	ADDRESSEE: SmithKline Beecham Corporation	Sequence 7, Appl1
	STREET: 709 Swedeland Road	Sequence 11, Appl1
	CITY: King of Prussia	Sequence 11, Appl1
	STATE: PA	Sequence 11, Appl1
	COUNTRY: USA	Sequence 11, Appl1
	ZIP: 19406	Sequence 11, Appl1
	COMPUTER READABLE FORM:	Sequence 11, Appl1
	MEDIUM TYPE: Diskette	Sequence 11, Appl1
	COMPUTER: IBM Compatible	Sequence 11, Appl1
	OPERATING SYSTEM: DOS	Sequence 11, Appl1
	SOFTWARE: FastSEQ for Windows Version 2.0	Sequence 11, Appl1
	CURRENT APPLICATION DATA:	Sequence 11, Appl1
	APPLICATION NUMBER: US/08/794,796	Sequence 11, Appl1
	FILED DATE: 04-FEB-1997	Sequence 11, Appl1
	CLASSIFICATION: 514	Sequence 11, Appl1
	PRIOR APPLICATION DATA:	Sequence 11, Appl1
	APPLICATION NUMBER:	Sequence 11, Appl1
	FILED DATE:	Sequence 11, Appl1
	ATTORNEY/AGENT INFORMATION:	Sequence 11, Appl1
	NAME: Han, William T	Sequence 11, Appl1
	REGISTRATION NUMBER: 34,344	Sequence 11, Appl1
	REFERENCE/DOCKET NUMBER: GH-0000	Sequence 11, Appl1
	TELECOMMUNICATION INFORMATION:	Sequence 11, Appl1
	TELEPHONE: 610-270-5219	Sequence 11, Appl1
	TELEFAX: 610-270-4026	Sequence 11, Appl1
	TELEX:	Sequence 11, Appl1
	INFORMATION FOR SEQ ID NO: 2:	Sequence 11, Appl1
	SEQUENCE CHARACTERISTICS:	Sequence 11, Appl1
	LENGTH: 300 amino acids	Sequence 11, Appl1
	TYPE: amino acid	Sequence 11, Appl1
	STRANDEDNESS: single	Sequence 11, Appl1
	TOPOLOGY: linear	Sequence 11, Appl1
	MOLECULE TYPE: protein	Sequence 11, Appl1
	US-08-794-796-2	Sequence 11, Appl1

RESULT 4
 US-08-974-022-2
 ; Sequence 2, Application US/08974022
 ; Patent No. 6015938
 GENERAL INFORMATION:
 ; APPLICANT: Boyle, William J.
 ; APPLICANT: Lacey, David L.
 ; APPLICANT: Calzone, Frank J.
 ; APPLICANT: Chang, Ming-Shi
 TITLE OF INVENTION: OSTEOPROTEGERIN
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Amgen Inc.
 STREET: 1840 Behaviland Drive
 CITY: Thousand Oaks
 STATE: California
 COUNTRY: USA
 ZIP: 91320-1789
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/974,022
 FILING DATE: 12-DEC-1995
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/577,788
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Winter, Robert B.
 REFERENCE/DOCKET NUMBER: A-378
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 401 amino acids
 TYPE: amino acid
 TOPology: linear
 MOLECULE TYPE: protein
 US-08-974-022-4

Query Match 26.0%; Score 425.5; DB 3; Length 401;
 Best Local Similarity 39.5%; Pred. No. 1.2e-27;
 Matches 81; Conservative 33; Mismatches 86; Indels 5; Gaps 2;

Qy 34 PRYWPRDAETGERLIVCAQCPGTFVQRCCRDSPTTCGCPCCRHYQFWNLERCRYCNV 93
 Db 26 PKVLHYPETGHOLCNCAPTYLKHCYTVRKTLCLVCPDHSYNTSDCEVCSP 85
 Qy 94 LGGEREERARACHATHRACRCHTGFHAGGLEHASCPPGAGVAPGTPSONTOCOPC 153
 Db 86 VKELOQSVKQECNRTHRNVECEEGRYLEIEFCLKHRSCKPQPSGVWQAGTIPERNTYCKKC 145

Query Match 26.0%; Score 424.5; DB 3; Length 401;
 Best Local Similarity 39.0%; Pred. No. 1.4e-27;
 Matches 80; Conservative 32; Mismatches 88; Indels 5; Gaps 2;

Qy 34 PTYWPRDAETGERLIVCAQCPGTFVQRCCRDSPTTCGCPCCRHYQFWNLERCRYCNV 93
 Db 26 PKVLHYPETGHOLCNCAPTYLKHCYTVRKTLCLVCPDHSYNTSDCEVCSP 85
 Qy 94 LGGEREERARACHATHRACRCHTGFHAGGLEHASCPPGAGVAPGTPSONTOCOPC 153
 Db 86 VKELOQSVKQECNRTHRNVECEEGRYLEIEFCLKHRSCKPQPSGVWQAGTIPERNTYCKKC 145

Query Match 26.0%; Score 424.5; DB 3; Length 401;
 Best Local Similarity 39.0%; Pred. No. 1.4e-27;
 Matches 80; Conservative 32; Mismatches 88; Indels 5; Gaps 2;

Qy 154 PRGTFSSSSSEOCOPHRNCTALGLALNVPGSSSHDTLCSTGFLSTRVPGAE--C 211
 Db 146 PDGFFSGETSSKAPCRKHTNCSTFGLLLIQKGNAHTDNV--CSGNREATOKCGIDWTLC 202

Qy 212 ERAVIDVAFQDISIKRLQRQLQAL 236
 Db 203 EEAFFRAVPTKIPNWLSVLDSL 227

RESULT 6
 US-09-042-705A-13
 ; Sequence 13, Application US/09042785A
 ; Patent No. 6194151
 GENERAL INFORMATION:
 ; APPLICANT: Busfield, Samantha J
 ; TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
 ; NUMBER OF SEQUENCES: 31
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: LATIVE & COCKFIELD, LLP
 ; STREET: 28 State Street
 ; STATE: Boston
 ; COUNTRY: Massachusetts

RESULT 5
 US-08-974-022-4
 ; Sequence 4, Application US/08974022
 ; Patent No. 6015938

COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/042,785A
 FILING DATE: 17-MAR-1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/938,896

ATTORNEY/AGENT INFORMATION:
 NAME: Mandragouras, Amy E.
 REGISTRATION NUMBER: 36,207
 REFERENCE/DOCKET NUMBER: MEI-001CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEX/FAX: (617)42-4214

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
 LENGTH: 461 amino acids
 TYPE: amino acid
 TOPOLGY: linear
 MOLECULE TYPE: peptide
 FRAGMENT TYPE: internal

US-09-042-785A-13

Query Match 26.0%; Score 424.5; DB 4; Length 401;
 Best Local Similarity 39.0%; Pred No. 1.4e-27; Mismatches 80; Indels 5; Gaps 2;

Matches 32; Conservatiive 32; Mismatches 88; Indels 5; Gaps 2;

Query Match 21.6%; Score 353.5; DB 4; Length 461;
 Best Local Similarity 29.8%; Pred No. 1.2e-21; Mismatches 96; Indels 61; Gaps 12;

Matches 43; Conservatiive 43; Mismatches 112; Indels 61; Gaps 12;

QY 34 PTFFWWRDAETGERLVCACQCPPGPFVORPCRRDSSPTTCGCPCPPRHYTWFNYLERCRVCNV 93
 QY 8 GISLICLVLNPAUPLPVPAVGRGAETPYWDRDTE-----RTVCAOCPG 55
 Db 13 GLELWAHAHALPA-----QVAFTPYAP---EPPGSTCRLREYDQTAMCCSKCSPG 60

QY 56 TFPVQRCCRDPPTTCGCPCPPRHYTWFNYLERCRVCNVIGEREPFARACHATHNRACKC 115
 Db 61 OHAKVFCTKTSITDVCDSCESSTYDQWNPPECUSCGSRSSDGVETOACTRCNRCTC 120

QY 116 RTGGFAHAG----FCLEHASCPCPGAVIAPGIPSONIQCOPCPGPFGFSSASSSSECQ 169
 Db 121 RPGWYALSKOBGCRICAPLKRCRQFGVWRPGTSDVWCPCAPGTFSNTSSTDICR 180

QY 170 PHRNCTALGALAINVQGSSHDITLCSTGFLPLSTRVPGABECERAVIDEVAFODISIRL 229
 Db 181 PHQICNVVA...IPGNASRDVCISTS...PTRSMAPGVHLPOFV----SRSQNT 227

QY 230 ORLQLAEPE----GWGPPRA---GRALOKLRLRTELGAQDALLVRLQLM 280
 Db 228 OPTPESTAPTSIFELLPMGSPPPAGSTGFALPVGLIVGVTAL---GILLIGWVNCV 282

QY 281 ---RVAMP-GLERSVRFELP 298
 Db 283 IMTOVKKKPLCLOREAKVPHLP 304

RESULT 7
 US-09-042-785A-7

Sequence 7, Application US/09042785A
 Patent No. 6194151

GENERAL INFORMATION:
 APPLICANT: Busfield, Samantha J
 TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD, LLP
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

RESULT 8
 US-08-385-229-2

Sequence 2, Application US/08385229
 Patent No. 5605690

GENERAL INFORMATION:
 APPLICANT: Jacobs, Cindy A.
 APPLICANT: Smith, Craig A.
 TITLE OF INVENTION: Method of Treating TNF-Dependent
 TITLE OF INVENTION: Inflammation Using Tumor Necrosis Factor Antagonists
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Immunex Corporation
 STREET: 51 University Street
 CITY: Seattle
 STATE: Washington
 COUNTRY: U.S.A.
 ZIP: 98101

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/385, 229

FILING DATE: 435

CLASSIFICATION: 435

PRIORITY APPLICATION DATA:

FILING DATE: 05-SEP-1989

ATTORNEY/AGENT INFORMATION:

NAME: Wight, Christopher L.

REGISTRATION NUMBER: 31, 680

REFERENCE/DOCKET NUMBER: 2503

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 587-0606

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 461 amino acids

TYPE: amino acid

TOPOLogy: linear

MOLECULE TYPE: protein

US-08-385-229-2

SOFTWARE: Patentin Release #1.0, version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/650, 000

FILING DATE:

CLASSIFICATION: 435

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US/08/468, 453

FILING DATE: 11-SEP-1989

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 461 amino acids

TYPE: amino acid

TOPOLogy: linear

MOLECULE TYPE: protein

US-08-650-000-2

Query Match 21.5%; Score 351.5; DB 1; Length 461;
 Best Local Similarity 29.8%; Pred. No. 1.7e-21; Indels 61; Gaps 12;

Matches 96; Conservative 43; Mismatches 122;

Db 8 GLSILCILVLAIPALLPVPAVRGAETPTYPRDAERGE-----RLVCAOCPG 55

Qy 13 GLEIWAHAHALPA-----QVAFTPYAP---EPGSTCRLERYDQTAOMCCSKSPG 60

Db 13 GLEIWAHAHALPA-----QVAFTPYAP---EPGSTCRLERYDQTAOMCCSKSPG 60

Qy 56 TIVQRCPRRDSPTTCGCPCPPRHYTQFWNYLERCRYCNVLCCBEREERABACHATHNRCR 115

Db 61 OHAKVFCTKTSITVCDSCEDSTYTQLMNWVPECLSGSRCSRSSDQVTOACREQNRICTC 120

Qy 116 RTGFFAHAG-----FCLEHASCPPGAGVIA RTPSONTQCPCPGTFSASSSEQQ 169

Db 121 RGGWCALSKQEGCRUCAPLRKRPGRGVARPGTESDVWVKPCAGTGFSNTSSDICR 180

Qy 170 PHRNCTALGLALNVPGSSSHDTLCTSTGFLPLSTRVGAECERAVIDFWAFQDISIKRL 229

Db 181 PHQICNVVA----IPGNASMDAVCTIS--PTRSMARGAVHLPQPV-----STRSQHT 227

Qy 230 QRLQALEAPE----GWGPTRA---GRALQLKIRRRLTELLGAQDGALLVRLQL 280

Db 228 OPTPEPSTAPSISFLPMGPSPPAEGSTGDFALPVGLVIGVTAL----GLLIGVNCV 282

Qy 281 --RVARMP-GLERSVRFELP 298

Db 283 IMTQVKKKPLCLQREAKVPHLP 304

RESULT 9

US-08-650-000-2

Sequence 2, Application US/08650000

Patient No. 5945397

GENERAL INFORMATION:

APPLICANT: Smith, Craig A.

APPLICANT: Goodwin, Raymond G.

APPLICANT: Beckmann, M. Patricia

TITLE OF INVENTION: Tumor Necrosis Factor Receptors

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Immunex Corporation

STREET: 51 University Street

CITY: Seattle

STATE: Washington

COUNTRY: U.S.A.

ZIP: 98101

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

RESULT 10

5395760-2

; Patient No. 5395760

; APPLICANT: SMITH, CRAIG A.; GOODWIN, RAYMOND G.; BECKMANN,

; M. PATRICIA

; TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND

; B-RECEPTORS

NUMBER OF SEQUENCES: 17
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/523, 635
 FILING DATE: 10-MAY-1990
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 421, 417
 FILING DATE: 13-OCT-1989
 APPLICATION NUMBER: 405, 370
 FILING DATE: 11-SEP-1989
 APPLICATION NUMBER: 403, 241
 FILING DATE: 05-SEP-1989
 SEQ ID NO: 2;
 LENGTH: 461
 5395760-2

Query Match 21.5%; Score 351.5; DB 6; Length 461;
 Best Local Similarity 29.8%; Pred. No. 1.7e-21; Indels 61; Gaps 12;
 Matches 96; Conservative 43; Mismatches 122;

QY 8 GLSLICLVLALPALLPVPAVRGAETPTPYRHDAE-----RLVCAOCPG 55
 Db 13 GLELWAHAHALPA-----QWAFTPYAP---EFOSTCRLEYKDQTAOMCSCSKSPG 60

QY 56 TFWORPCRDSPTTCGCPGPPRHTQFNYLERCYVCNLCEREEARACHATHNRACRC 115
 Db 61 OHAKVFCFKTSKSDTVDSCEDSYTQDNLWNPCLSGSRCSSDQVETQACTREQRNCTC 120

QY 116 RTGFFAHAG----FCLEHASCPGAGVIAPGTSPONTOCOPCPGTFSAASSSSSEQCQ 169
 Db 121 RPGWYCALSKQEGCRLCAGPLRKCRGPFGVARPGTETSDVVKPCAPGTFSNTSBDICR 180

QY 170 PHRNCTAHLGALNYPSSSHDHTCTSGFLSTRPGAECCRERAVIDFVAQFDISKRL 229
 Db 181 PHQICNVVA---IPGNASMDAVCTS--PTRSMAPGAVILPQPV-----STRSQHT 227

QY 230 QHILQALEAPE---Gwgpptrra---GRALQKURRTELGAQDALLVRLOAL 280
 Db 228 QTPPEPSTAPSISFLUPMGPSPPAEGSTGDFALPVGLIVGTL---GLLIGVNCV 282

QY 281 --RVARMP-GIERSVVERFLP 298
 Db 283 IIMQVKKKPLCLOREAKVPHP 304

RESULT 11
 US-08-974-022-48
 Sequence 48, Application US/08974022
 Patent No. 6015938
 GENERAL INFORMATION:
 APPLICANT: Boyle, William J.
 APPLICANT: Lacey, David L.
 APPLICANT: Calzone, Frank J.
 APPLICANT: Chang, Ming-Shi
 TITLE OF INVENTION: OSTEOPROTEGERIN
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Arogen Inc.
 STREET: 1840 Behavilland Drive
 CITY: Thousand Oaks
 STATE: California
 COUNTRY: USA
 ZIP: 91120-1789

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/243, 010
 FILING DATE: 11-MAY-1994
 CLASIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/798, 564
 FILING DATE: 26-NOV-1991
 APPLICATION NUMBER: DE P 40 37 837.3
 FILING DATE: 28-NOV-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Einard, Carol P.
 REGISTRATION NUMBER: 32, 220
 REFERENCE/DOCKET NUMBER: 02481-1132-00000

APPLICATION NUMBER: 08/577, 788
 FILING DATE: 12-NOV-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Winter, Robert B.
 REFERENCE/DOCKET NUMBER: A-378
 INFORMATION FOR SEQ ID NO: 48;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 227 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-974-022-48

Query Match 21.2%; Score 346; DB 3; Length 227;
 Best Local Similarity 33.8%; Pred. No. 2.1e-21; Indels 36; Gaps 6;
 Matches 74; Conservative 28; Mismatches 81;

QY 8 GLSLICLVLALPALLPVPAVRGAETPTPYRHDAE-----RLVCAOCPG 55
 Db 13 GLELWAHAHALPA-----QWAFTPYAP---EPGSTCRLEYDQTAOMCSCSKSPG 60

QY 56 TFWORPCRDSPTTCGCPGPPRHTQFNYLERCYVCNLCEREEARACHATHNRACRC 115
 Db 61 OHAKVFCFKTSKSDTVDSCEDSYTQDNLWNPCLSGSRCSSDQVETQACTREQRNCTC 120

QY 116 RTGFFAHAG----FCLEHASCPGAGVIAPGTSPONTOCOPCPGTFSAASSSSSEQCQ 169
 Db 121 RPGWYCALSKQEGCRLCAGPLRKCRGPFGVARPGTETSDVVKPCAPGTFSNTSBDICR 180

QY 170 PHRNCTAHLGALNYPSSSHDHTCTSGFLSTRPGAECCRERAVIDFVAQFDISKRL 229
 Db 181 PHQICNVVA---IPGNASMDAVCTS--PTRSMAPGAVILPQPV-----STRSQHT 227

RESULT 12
 US-08-243-010-1
 Sequence 1, Application US/08243010
 Patent No. 5639597
 GENERAL INFORMATION:
 APPLICANT: Lauffer, Leander
 APPLICANT: Zettmeissel, Gerd
 APPLICANT: Ogendo, Patricia
 TITLE OF INVENTION: Cell-free Receptor Binding Assays, The
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 STREET: 1300 I Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005-3315
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/243, 010
 FILING DATE: 11-MAY-1994
 CLASIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/798, 564
 FILING DATE: 26-NOV-1991
 APPLICATION NUMBER: DE P 40 37 837.3
 FILING DATE: 28-NOV-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Einard, Carol P.
 REGISTRATION NUMBER: 32, 220
 REFERENCE/DOCKET NUMBER: 02481-1132-00000

PE: amino acid
POLYPOLOGY: linear
SCULE TYPE: peptide
MENT TYPE: internal
-785A-8

TELEPHONE: (206) 587-0431
TELEFAX: (206) 233-0644
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 474 amino acids

TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FRAGMENT TYPE: internal
 US-09-042-785A-8

Query	Match	Similarity	Score	DB	Length
Best Local Matches	81;	Similarity Conservative	29.7%	Score 332.5;	DB 2;
		Pred.	No 5	5e-20;	length 474;
		Mismatches	109;	Indels	9;
		Matches	39;	Gaps	9;
OY	46	RIVCAQCPGPFVQPCRROSPTTCGCPCPPRHYTOQWNLRCRYCIVLCCSREEEARAC	105		
	::::	52	OMCCAKCPGQPVKHFNKNTSDTVACDEASMYTQWNNOFRICLSCSSCTDQEIRAC	111	
Db	106	HATHNRACRGTGF--AHAGF--CLEHASCPCPGAGVIAPGTPSQNTQCOPCPGTF	158		
	112	TQKQHRYVCAEAGRYCALTKTHSGSCROHMUSKCGCPFGVASSRAPNGVNICKACAGTF	171		
Db	159	SASSSSEOCOPHRNCATGALNYPGSSHDLTCT---SCTGFPUSTRYGAEECERA	214		
OY	172	SDTISSTSDVCPHRHCSILA---IFGNASIDDAVCAPEPSPUSAIRILYVSQPEPPRSQ	227		
Db	215	VDFVAFODPSIKRQRQLLEAPEGWGP----RAGRALQKLRRRLTELGQD	269		
OY	228	PLD---QERGPSQPSILSL---GSPIIPEOSTKGIGSLPLIGLVGVTL-----	272		
Db	270	GALVYRLQL---RVARMPLGLRSVRELLP	298		
	273	GLLMGVLNVQILVORKKKPSCLORAKVPHV	305		

Search completed: May 23, 2001, 15:56:28
 Job time: 161 sec

QY	270 GALLVRLQLQAL---RVARMPLGERSVRFLP 2988
Db	273 GLMLGLVNCILVQRKKPSCLORDAKVPVHP 305

US-09-042-785A-8
Application US/09042785A
Patent No. 6,194,151

GENERAL INFORMATION:

APPLICANT: Bushfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/938,895
FILING DATE: 26-SEP-1997

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LENGTH: 474 amino acids

us-09-518-931-2.rai

Thu May 24 08:32:45 2001

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